

I claim

1 1. A method for preventing delivery of selected SMS messages, comprising the steps of:

2 receiving an SMS message destined for an end user;

3 determining that one or more telephone numbers are associated with the SMS  
4 message;

5 comparing the one or more telephone numbers to a plurality of predetermined  
6 telephone numbers, and

7 selectively preventing delivery of the SMS message to the end user if any of the  
8 one or more telephone numbers associated with the SMS message matches any of the  
9 plurality of predefined telephone numbers in the list.

1 2. The method of claim 1, wherein the determining step comprises the step of:

2 searching for the one or more telephone numbers in the text of the SMS message.

1 3. The method of claim 2, wherein the step comprises the step of:

2 searching the text of the SMS message for a plurality of numbers having a  
3 predefined pattern.

1 4. The method of claim 1, wherein the determining step comprises the steps of:

2 searching for the one or more telephone numbers in the "callback\_num"  
3 parameter.

1 5. The method of claim 1, wherein the determining step comprising the step of:

2 searching for the one or more telephone numbers in the text of the SMS message;  
3 and

4 searching for the one or more telephone numbers in the "callback\_num"  
5 parameter.

1 6. The method of claim 3, wherein the predefined pattern includes one of a group of 7 and  
2 10 numbers.

1 7. The method of claim 1, wherein the plurality of predefined telephone numbers are stored  
2 in a list and wherein the list is periodically updated.

1 8. The method of claim 1, wherein the preventing step includes deleting the SMS message.

1 9. The method of claim 1, including the further step of sending a message to the originator  
2 of the SMS message informing the sender that the SMS message has been deleted

1 10. A method for preventing spamming on an SMS network, comprising the steps of:

2 examining the respective contents of SMS messages and related information for  
3 one or more predetermined telephone numbers and if any one of the SMS messages or  
4 related content is found to contain any of the predefined telephone numbers, preventing  
5 delivery of the message through the SMS network.

1 11. A method for preventing delivery of selected mobile messages, comprising the steps of:

2 receiving a mobile message destined for an end user;

3 determining that one or more telephone numbers are associated with the mobile  
4 message;

5 comparing the one or more telephone numbers to a plurality of predefined  
6 telephone numbers, and

7 selectively preventing delivery of the mobile message if any of the one or more  
8 telephone numbers associated with the mobile message matches any of the plurality of  
9 predefined telephone numbers in the list.

1 12. A system for preventing delivery of SMS messages, comprising:

2 one or more network processing devices; and

3 a list of predefined telephone numbers;

4 the one or more network processing devices operative to:

5 receive data from a sending device, the received data including a message  
6 destined for an intended SMS receiving device;

7 extracting one or more telephone number from the received data;  
8 comparing the extracted one or more telephone numbers to the list of predefined  
9 telephone numbers; and

10 selectively preventing delivery of the a message to the intended SMS receiving  
11 device if any of the one or more telephone numbers matches any of the telephone numbers in  
12 the list of predefined telephone numbers.

1 13. The system of claim 12, wherein the one or more network processing devices comprises  
2 a short message service center (SMSC).

1 14. The system of claim 12, wherein the one or more network processing devices comprises  
2 an SMSC and a database remote from the SMSC.

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